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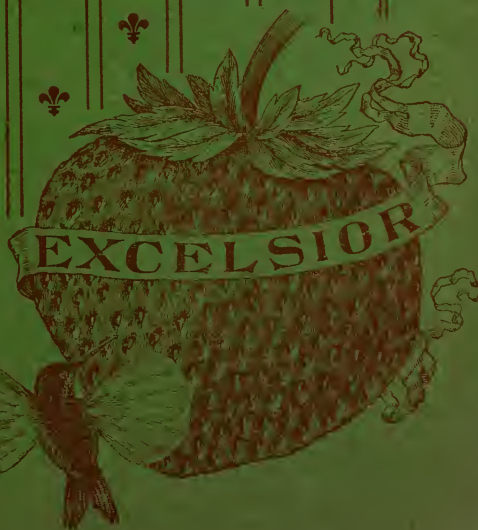
SMALL FRUIT PLANTS

—1899—

C. E. WHITTEN'S

...NURSERIES...

Bridgman, Michigan



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**PUBLISHED BY JAMES W. WITHERS,
136 Liberty St., New York**

 Note the premium offer of AMERICAN GARDENING by
publisher of this catalogue.

Introduction



IN again presenting this my Annual Catalogue of Small Fruit Plants, I desire to thank my old Friends for their continued patronage. I also desire to make many new acquaintances and have confidence in my ability to satisfy if they will allow me to supply their wants in this line.

As this will reach some who probably never heard of our nursery, will say that I have been engaged in the business of growing fruit for market for more than twenty years, for the past ten years I have turned my attention, more particularly, to the propagation and sale of Plants, making the growing of fruits a secondary consideration only as I test the newer sorts. I have endeavored to be progressive along this line, although perhaps rather conservative in booming new varieties, for I find there are so many candidates for favor that have no points of excellence over the Standard and well tried sorts that I feel a certain amount of caution is necessary. While this is a fact we have some of the newer sorts which have proved superior at least in the locality where they originated. These I would advise all to test for themselves. Right here I would like to say that my descriptions of varieties are not all "Original" although truthful so far as my knowledge goes. I will not knowingly recommend a worthless sort.

Our location in Southwestern Michigan, near the lake, in what is known as the "Great Fruit Belt" gives us many advantages in soil and climate, possessed by no other section. This county (Berrien) has a larger area devoted to strawberry growing than any other in the state, thus proving the adaptability we claim for our location.

Our plant beds from which we propagate are nearly all on new land that has never grown Strawberries, this we find necessary in order to keep our stock healthy and free from insect pests. If we should continue to plow under old fields and reset at once, as some growers are obliged to do, we would soon have a lot of diseased and worthless stock. Of course with proper care in rotating other crops and by heavy manuring this defect may be overcome, but is expensive and gives our manner of growing the advantage of cheapness.

I have noticed that some of the "High priced growers" claim that "Cheap strawberry plants", i.e. those sold at \$1.25 to \$2.00 per thousand are worthless trash, being grown usually on the edges of lakes or marshes where they are allowed to form a thick mat of weakly runners, and are also allowed to stand year after year without renewal, consequently becoming run out and worthless. While this may be practised somewhere, I know of no one growing plants in this way.



Our soil is a sandy loam underlaid with quick sand subsoil which with proper underdrainage is never too wet nor is it ever too dry, if kept cultivated to hold the moisture near the surface. In this way we grow strong and thrifty plants and lots of 'em, being able to grow them at much lower rate than those who have been to a great expense for fertilizers and also for irrigation in order to grow no more or better plants than we do on same amount of ground. Thus it will easily be seen why we are able to furnish just as good plants for less money.

I am not in the Plant business for my health, neither am I of such a philanthropic turn of mind that I am in it for public benefit; but in this day of close competition we have thought best to make our prices as low as consistent with the grade of stock we handle.

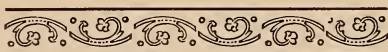
In propagating Strawberry plants for sale we always set from one year old beds which have not fruited. We also set the different varieties in blocks of several rows each, thereby obviating the danger of mixture, liable where different sorts are set in alternate rows. In digging, we usually take up the entire row discarding the original plants and such of the tip plants, not well rooted, therefore we have no exhausted stock to send out.

Our Strawberry plants are all fresh dug at time of shipping, as we do not try to winter any in cellar, because in our judgement that is not the proper way to handle Strawberry plants. We dig and trim off all dead leaves and runners, and tie in bunches of twenty-five.

I shall be pleased to answer any questions you may wish to ask as to desirability of varieties; mode of culture, etc., and will gladly give you the benefit of my experience if desired.

It will be a great help to me if my friends will speak a good word for my plants if they have an opportunity, and it will be thoroughly appreciated.

If more than one catalogue is received please hand one to some one whom you think will be interested in small fruits.




Get Your Horticultural Publications Free.

With an order amounting to \$2.00 at the Catalogue rate I will include a year's subscription to **THE CENTRAL STATES FRUIT GROWER**, (see advertisement in this Catalogue.)

Or with an order amounting to \$5.00, at catalogue rates, a year's subscription to **THE OHIO FARMER**, an Agricultural Weekly published at Cleveland, Ohio.

Or with an order amounting to \$10.00 at Catalogue rates I will include a year's subscription to **AMERICAN GARDENING**, (see advertisement in this Catalogue,) this is an excellent offer as the paper is \$1.50 per year.

 Anyone wishing to take advantage of either of these offers must mention it when sending the order; also notice that the order must be at Catalogue rates.

Sample copies may be had by sending to the publishers, do not send to me for them.

G. E. WHITTEN.



Instructions to Purchasers.

MY LOCATION. I am located in Southwestern Michigan, about fifteen miles south of St. Joseph, near Lake Michigan, in what is known as the "Great Fruit Belt."

RAILROAD CONNECTIONS. are good. Our line of road, the Chicago & West Michigan runs mail and express trains direct to Chicago; time about three hours. Within fifty miles the Chicago & West Michigan connects with all the great trunk lines, east, west, north and south.

Our Express Co. is the American, which connects with the above lines promptly.

MAIL ORDERS. I can ship by mail when so desired and on small amounts for long distances this is much the cheaper transportation but is not quite so safe as express, as the mode of packing is of necessity different; not having the chance for ventilation, plants are more liable to heat enroute. However, I have shipped by this method to the coast of Maine, also to Southern California, the plants arriving in good condition.

BY EXPRESS. This is the safest way to ship live plants, as it makes fast time with least liability of delay. Sometimes when transferred to other companies the charges seem rather high, but when the nature of the service is considered it is really the cheapest in the end.

All express companies carry nursery stock at a reduction of 20% from general merchandise rates. I notice that some nurserymen claim this to be a reduction *they* have succeeded in getting for *their* patrons, personally. This is not true as it is a general rule and applies to all nursery stock.

FREIGHT. Early in the season I can ship by fast freight with comparative safety, but there is a possibility of delay and consequent loss. Parties ordering stock shipped by freight will have to take the risk as I cannot be responsible for loss, if any, on stock shipped in this manner.

TERMS. One-fourth cash with order, balance before stock is shipped. Or I will ship C. O. D. if one-half of the amount accompanies the order and purchaser will agree to pay return charges on the money.

REMITTANCES may be made either by New York or Chicago draft, post-office or express order, or where none of these may be had, by registered letter.

RATES. One-half dozen, fifty and five hundred, at dozen, hundred and thousand rates. When an order amounts to ten dollars it may be counted at lowest rates given, regardless of quantity taken.

NURSERYMEN AND DEALERS, Write for Special prices.

AGENTS. Although I do not employ agents to sell goods for me on commission or otherwise, I do furnish them plants at a reduction, allowing them to sell at their own figures. I shall be glad to correspond with anyone wanting stock on these terms.

CLUB OFFERS. If several neighbors wish to purchase plants they can save considerable both in cost of plants and in transportation by clubbing their orders, as I will give a discount on such bills according to the amount taken.

ORDER BLANKS. Use the order blank enclosed when ordering, being careful to write your name *plainly*, giving Postoffice, County and State, and do this every time you write. Also keep a *copy* of your order yourself. Be particular to say how goods are to be sent, whether by mail, express or freight.



MY PRICES are as a general thing very low, but on large lists we are sometimes able to give better rates, and invite all wanting large lots to write for estimates.

I can sell as cheaply as anyone can sell stock of equal merit, and will not be undersold by any *Responsible Nurseryman*. By this I do not mean to compete with irresponsible parties who offer plants at prices below cost of producing *reliable* stock. That there are such people in the business we admit. We also have some knowledge of their methods. Generally they are none too honest and will fill orders with stock bought up promiscuously, it matters not to them whether it is *straight* or otherwise as "everything goes." This class are a great detriment to the trade, as people who buy of them and get worthless or mixed stock are apt to immediately class all nurserymen as frauds.

I do not wish to come in competition with any of this class, and would cite you my references given elsewhere as to my responsibility and business integrity.

WHEN TO ORDER. Early by all means. The rule generally is, "First come, first served," also, the early orders find full stock, while later some varieties are liable to be exhausted. Orders are filled in rotation as received except sometimes our southern patrons are ready to set in advance of those further north, these orders we usually crowd first and get them out as soon as frost is out of ground in spring.

SUBSTITUTION. In ordering please state whether I shall *substitute* some other variety in case the kind ordered should be exhausted. If not forbidden I claim the right to substitute something of equal value, but always label true to name.

Our customers will please remember that the time for filling orders is short, and it would facilitate our work greatly if orders were sent in before the rush. This is also an advantage to our customers, for they get what they order, no varieties being sold out. To encourage these early orders I will make this offer.

PREMIUM OFFER On all orders at catalogue rates received during January and February with cash in full, I will allow a cash discount of 5%, or for every dollar sent during these months you may order additional stock to the amount of ten cents.

MY PACKING is done in the *best possible* manner (see testimonials) and under my personal care. I use light crates or baskets, with plenty of moss, for which I make no charge, and can ship safely by express to the Atlantic or Pacific seaboard.

Shipping season begins about April 1st, or possibly last week in March, and continues until about 1st to 10th of May.

CARE OF STOCK WHEN RECEIVED. If stock should be frozen when received, bury the package unopened, in well drained ground or place in cool cellar, so that it will thaw out gradually without being exposed to the air. If not ready to set strawberries on arrival, *do not pour water on them* in the package or in the bunch, as they will surely heat and spoil. They may be spread out thinly, in shallow trenches, with their crowns even with the surface and their roots covered firmly with soil. If ground is dry they must be watered and shaded for a few days.

GUARANTEE. While I take great pains to have stock true to name and hold myself ready upon proper proof, to refund money or replace any that prove untrue, it is mutually agreed that I shall not be liable for a greater sum than the amount paid for such stock.

REFERENCES. I refer to the American Express Agent or Postmaster at Bridgman; Union Banking Company, St. Joseph, or Bradstreet's Commercial Reports, as to my standing and reliability. Parties writing any one of the above please enclose stamp for reply.



Strawberries

The growing of STRAWBERRY PLANTS for sale is my specialty, growing annually several million plants, which I ship to all parts of the United States and Canada.

Soil and Location

The soil and location best adapted to strawberry culture will vary in different sections. With us the sandy loams seem to give best results. While some claim that a clayey soil, if properly prepared and manured, will grow heavier crops and finer fruit, I believe that almost any soil, if properly prepared, well under-drained, and of ordinary fertility, will grow good strawberries.

In locating, care should be taken to avoid known frosty locations, such as very low land near marshes, or valleys where there is no chance for circulation of the air, as these spots are very liable to heavy frosts, when higher land or that more open to circulation would show very little if any. A hard frost at blooming time frequently spoils the entire crop, hence the desirability of choosing a location as much exempt as possible.



Perfect Blossom. The blossoms of all varieties are bisexual or perfect except those marked (P) which are destitute of stamens and termed pistillates or imperfect, as shown by the accompanying figures. Imperfect varieties must have a row of perfect flowered sorts planted every third or fourth row at least, to pollinize their blossoms. When the imperfect bloomers are properly fertilized they are the most prolific and there is no reason for any prejudice against them. Success depends in a great measure in getting fine, healthy plants, STRICTLY PURE and true to name. This we know our plants to be.



Imperfect.

If by mail add 25 cents per 100 for postage. At dozen rates post free. At thousand rates by express or freight.



Clyde

CLYDE. This Berry which originated in Kansas, has proven to be one of the most, if not *the most*, valuable sorts ever introduced. It still bears out all the claims made for it by its most enthusiastic friends. Some of its points of excellence are: Wonderfully vigorous growth, and cleanest and most healthy foliage, never has shown the least sign of rust with me. It roots extra deep and is enabled to withstand drouth much better on this account. It is a perfect bloomer and most productive staminate sort that I am acquainted with. Berries are of very uniform size and shape, holding their size well to the last pickings. In season it is medium early, and should be an excellent pollinizer for early pistillates. Its color is bright scarlet.

Last year I stated that if I was limited to one variety I would choose the Clyde and I have not seen anything to cause me to change my mind. Dozen 25c, hundred 50c, thousand \$2.50



Nic Ohmer.

growth and great productiveness by any variety. It has a perfect blossom. The fruit is of the very largest size, a giant among strawberries. It is never misshapen. Its only departure from the regular, roundish conical form is when, under high culture, it is somewhat triangular. It is dark glossy red, firm and of excellent flavor.—M. CRAWFORD.

NIC OHMER Originated by Mr. John F. Beaver, who is considered to be the most successful amateur fruit grower in Ohio. Named after Mr. N. Ohmer, ex-president of the Ohio State Horticultural Society. The introducer says: "After watching the Nic Ohmer three years, and hearing how it has behaved wherever I sent it for trial, never having received one unfavorable report on it, I am confident that it is one of the most desirable, if not the very best ever sent out. There is no other in the market, or in sight, that I would plant with as much confidence. If restricted to a single variety it would be my first choice without a moment's hesitation. The plant is very large and stocky, sending out plenty of very strong runners. It is probably not surpassed in healthy, vigorous

RIDGEWAY. This variety was produced at Rocky Glen fruit farm, near Wabash City, Ind., from "Jersey Queen" crossed with "Parker Earle," and has now been fruiting for five years. Each year during this time it has produced the largest and handsomest berries on the farm, has never shown any sign of disease, and is the finest growing variety on the farm. With the exception of being larger and heavier, the foliage is nearly identical with Jersey Queen's. It shows but little of its Parker Earle parentage, except in the great quantity of fruit that it sets, but it has the advantage of Parker Earle in being able to ripen perfectly all its fruit; and while the berries at the last of the season are not so large as the first, they are all perfect in form, color and quality.

"Berry large to very large, the typical form nearly round, largest specimens broadly ovate, but always smooth; color bright, glossy crimson, firm for so large a berry, and will stand shipping to distant markets, except in a very wet time. Quality as good as the best; an almost ideal berry, and one that will command fancy prices on any market. The blossom is perfect and a good pollinizer, as it remains in bloom a long time."—Condensed from originator's description.

I have not fruited this sort on my ground but plants set last spring have shown remarkable vigor and made an extra fine growth. From all that I can learn from others who have fruited it I feel safe in recommending it as being worthy of trial. Dozen 25c, hundred 60c, thousand \$2.75.

COBDEN QUEEN. The following is a part of the originator's description: "The plant is a vigorous grower, and is an abundant bearer of large sized fruit of a beautiful color. It is about three days earlier than the Crescent, and the last pickings are as large as the first. This is the third season I have shipped to Chicago, and its carrying qualities have proven to be the equal of any strawberry now before the public, not excepting the Gandy or Hoffman. Its points: earliness, size, carrying qualities, beauty of berry, vigor of plant, quantity of berries to the acre."

I have not seen this variety in fruit but have fine stock of plants from last springs setting. Dozen 25c, hundred 50c, thousand \$2.50.



HALL'S FAVORITE. This berry was originated about four or five years ago by John W. Hall, of Somerset county, Md., who describes it as follows: "I have fruited Hall's Favorite four years on different soils and it does well on them all. I have been in the fruit business for twenty-five years and during that time we have had numbers of varieties of strawberries but the Hall's Favorite is the strongest grower of any variety that I have ever grown or seen grown. It bears a large crop of fine berries that run large and uniform in size. It is firm and a good shipper. It sold in the New York market the past season for twenty cents when other kinds were bringing nine and ten cents per quart. It was considered by good judges to be the best strawberry ever grown. Berry growers for some time have been wanting a better berry than Bubach—We have it in Hall's Favorite. It ripens a little earlier than Bubach, runs larger in size through the season, it is also more productive and a better carrier."

While I have not fruited this I am confident it is well worthy of trial. Dozen 30c, hundred 75c.

MARGARET. This variety was originated about six years ago, by John F. Beaver, of Dayton Ohio, from seed of the Crawford. It has made a remarkable record—perhaps never equaled in the world—and is now offered with great confidence. It responds readily to good culture, and all careful growers may expect it to produce the finest fruit in great abundance. The plant is large and healthy, and so vigorous in growth that it will mature its last berries and continue green and luxuriant while an abundance of strong runners are produced. The foliage is dark Green, and so clean and healthy looking that it is a pleasure to work among the plants. The blossom is perfect and one of the strongest ever seen. It commences to ripen soon after the early varieties, and bears until nearly all others are gone. With a good chance its berries are all of large size. The plant with its habits of growth and productiveness is faultless. The fruit is usually conical, sometimes rather long, but never coxcombed or misshapen, often necked. The color is dark glossy red, and the berries are not inclined to have white tips. The large, green calyx adds to its beauty. The flesh is firmer than most very large berries, and of excellent flavor."—*M. Crawford*. Dozen 25c, hundred 75c, thousand \$6.00.

EXCELSIOR. (See cut on front cover.) This variety originated with J. C. Bauer, of Judsonia, Ark., who gives this description of it: "A seedling of Wilson pollenized by Hoffman which plant and fruit will show, it is larger and finer than Wilson and earlier than Hoffman."

Mr. Bauer claims that in 1898 it ripened earlier than Michel's Early and is in fact the earliest strawberry known. I have not fruited this yet but have stock which came direct from the originator. I would recommend all wanting an early market berry to give the Excelsior a thorough trial.

The price has been reduced for next spring to 35c per dozen, \$1.50 per hundred and \$10.00 per thousand.

RUBY. "It is believed to be a seedling of the Crescent, fertilized by Sharpless. Plant large and robust, like Sharpless and Bubach, makes a moderate number of runners, more than Bubach, but nothing like Crescent or Warfield. The blossom is large like Sharpless and strongly staminate. The fruit is large and regular except the first blossoms which are apt to be somewhat irregular. The fruit is a dark red clear through, retaining its fine color when canned. In quality it is unexcelled, having more of the Pine or Wood strawberry flavor than any other that I know of in general cultivation. It is abundantly productive, and the plant healthy. All plants, no matter how late they take root in the Fall, fruit the following Spring. Dozen 25c, hundred 60c.

SEAFORD. A new variety from Delaware exhibiting such fine qualities that it is bound to become popular. It excels the Bubach, which it equals in size and quality; is far more productive, and sufficiently firm for market. It is a deep, glossy crimson; quality good. The plant is exceptionally vigorous, with foliage that endures the hot sun with wonderful endurance. It ripens about second early, and will be found admirable to succeed early varieties and usher in those ripening in midseason. Dozen 25c, hundred 60c, thousand \$4.50.



MICHIGAN. "Again this superb variety gives us a crop of berries that are second to none in size or yield, and which ripen the latest of any. It is undoubtedly the best late strawberry ever introduced, and for profitable market growing is unexcelled by any other; coming into the market as most kinds are going out. The berries are large, bluntly conic, very uniform, of deep crimson color, firm and handsome. The plant is a strong, healthy grower, with clean, luxuriant foliage and exceedingly productive. Every garden should have it for its supply of late strawberries, and it may be depended upon to give the most perfect satisfaction. Its high, rich quality renders it of the greatest value in the family garden, and it is the very finest variety for canning. In it are combined enormous size, high quality, great productiveness, and extreme lateness in ripening—a combination which leaves nothing more to be desired in a family strawberry of its season. We are proud of being the introducers of this noble berry."—*Introducers.*

Dozen 25c, hundred 60c.



Satisfaction

som and bears its fruit on large fruit stems, which often brings to perfection as many as 20 berries on a single stem. It is not immensely large, but its great beauty, firmness, earliness, good flavor, productiveness, and vigor, combined with good size, make it exceedingly popular. Ripens with Crescent." Dozen 25c, hundred 60c.

MCKINLEY. Introduced by Ellwanger & Barry. It is claimed to be equal if not superior, to any that has ever fruited on the grounds of the introducers. Charles A. Green says, after fruiting it: "The plant is exceedingly vigorous and healthy, producing heavy crops of large, dark red, firm berries, of good form; season medium. This is the finest berry I know of for a large berry" Dozen 25c, hundred 60c, thousand \$5.00.

GLEN MARY. The Glen Mary originated with Mr. James Ingram, of East Bradford Township, Chester County, Pa. In productiveness it surpasses the Crescent, not in number of berries, but in number of quarts. Mr. Ingram had one quart of select berries photographed, which contained only twelve Glen Mary.

This is what the introducer, W. F. Allen, Jr., has to say of this variety: "This giant among strawberries was first offered to the public by me in the spring of 1896, and being the introducer, I was very much interested as to the success of my first introduction. I have watched every word that has been written or said concerning this variety. I am now satisfied that all things considered it is without an equal. It being large to very large in size, one of the most productive ever grown; of strong, sturdy and healthy growth, highly colored, firm for a large berry and ranks with the best in flavor."

I fruited the Glen Mary the past season but hardly feel that I gave it a fair test as the rows were disturbed quite late in the season by our digging plants for our own setting. I am confident that if one should give this sort proper treatment all the claims of the introducer would be realized. Dozen 25 cents, hundred 60 cents, thousand \$2.75.

SATISFACTION. A seedling of Wilson, resembling that variety in its fruit, but having an ironclad leaf that effectually resists the leaf-rust to which Wilson is so subject. While the berries are not of the largest size, they are above the average, being much larger than Wilson, are uniform in size and shape, holding out well to close of season. Berries are bright red. Owing to its fine appearance, uniform size and good shipping qualities, it sold for better prices this season than most varieties. It has a perfect blossom, a good plant maker, of thrifty growth, long deep roots. Season medium to late. Doz. 25c, hundred 50c, thousand \$2.50.

MANWELL. "A cross between the Crescent and Sharpless, and combines all the good qualities of both parents. We have fruited this berry five seasons, and it retains the vigor of the original plant. It ripens all over at once without any green tips. It has a perfect blossom and bears its fruit on large fruit stems, which often brings to perfection as many as 20 berries on a single stem. It is not immensely large, but its great beauty, firmness, earliness, good flavor, productiveness, and vigor, combined with good size, make it exceedingly popular. Ripens with Crescent." Dozen 25c, hundred 60c, thousand \$5.00.



Bisel

BISEL. (P) This is another seedling of Wilson, originated with D. Bisel, of Illinois, 1887. Plant healthy vigorous grower, its heavy foliage protecting the blossom from frost. Makes plants abundantly, having long fine matted roots; enabling it to withstand severe droughts without injury. The fruit is very large and firm. Color a deep, glossy red, with a double calyx, very productive and is destined to be a valuable market berry, judging from its behavior on our ground the last two seasons. Being one of the best it is very popular where it is known. Doz. 25c, hundred 50c, thousand \$2.50.

BEVERLY. A seedling of Miner's Prolific, and a decided improvement on that variety. It has a perfect blossom and the habits of the plant are excellent in every way. Fruit large, roundish conical, dark, glossy

red, and excellent in quality. Dozen 25c, hundred 50c.

BISMARCK. "This new and vigorous seedling of Bubach, in plant growth has certain leaf characteristics that plainly show its parentage. The leaf, however, is larger and darker green in color; fruit and leaf stalks are larger and general tone of plant far more healthy and vigorous; in every way an improvement over its parent. It has perfect blossoms, is exceedingly productive, of very large, regular obtuse conical berries, bright glossy scarlet in color; firm and solid, and of excellent quality; it always colors all over at one time—no green tips and never any dullness or paling out in color, as with the Bubach. One year's test is not always positive proof of the value of a strawberry, yet from the present light Bismarck appears to be of far greater value than Bubach. Plant vigorous, more productive, as large size, better in shape, much brighter in color, and considerably firmer." Dozen 25c, hundred 50c, thousand \$2.50.

WM. BELT. "The plant is large and healthy, a luxuriant grower, and very productive. It has perfect blossoms. The fruit is the largest we ever saw. On more than one occasion we have had 12 berries that measured a quart. The first berry to ripen is quite apt to be coxcomb, but all the others are of regular conical form. They color all over, and are as red and glossy as any in cultivation. As firm as other berries and among the best in quality."—*M. Crawford*. Dozen 25c hundred 50c.

ARROW. Originated by E. W. Cone, of Wisconsin, who gives the following description: "It is a 'daughter of Haverland,' and is hardly less productive. The fruit ripens with Haverland, and resembles it closely in form. It is not quite so large, but is much brighter in color, firmer texture, more regular and uniform in shape and size, and of higher flavor. A strong vein of its Crescent blood is shown in the plant, which is of very vigorous habit, with bright and healthy foliage, absolutely free from rust in all seasons. I have fruited it, mostly on sandy soil, for five years, three of them extremely unfavorable, and have found few varieties with the same ability to endure our cold winters and hot, dry summers. As a market berry it is decidedly preferable to Haverland." Dozen 25c, hundred 50c.

BRUNETTE. Remarkable for its fine quality. It has fruited for several seasons at its home in Delaware County, Indiana, where it is exceedingly popular. The berries are from medium to large, round and almost perfect in form, very uniform, dark, reddish crimson, firm, and of exceedingly rich, luscious quality. It is also very handsome and attractive, commanding the highest price in market. The plant is a strong grower and entirely free from rust. We commend it for trial to those seeking a table berry of superior quality and make up. Early. Dozen 25c, hundred 50c, thousand \$2.75.

UP-TO-DATE. "In size, productiveness, quality, beauty, flavor, keeping and shipping qualities, health and vigor of plant and as a pollenizer, Up-to-date has no equal."—*Introducer*. Dozen 25c, hundred 60c, thousand \$3.00.



LOVETT. No person need hesitate to plant this variety for either home use or market, as it succeeds generally in any soil or locality. It is one of the tough, hardy varieties that never disappoints the grower. It has a perfect blossom and bears heavily. The fruit is from medium to large size, conical, firm, and of good color and quality. One of the best to use as a pollenizer for pistillate sorts. Dozen 20c, hundred 35c, thousand \$1.50.



Lovett

MARSHALL. The following is what the originator says: "Three thousand baskets of berries picked on one-third of an acre last year. The berries are very large size, fourteen filled a basket. Color, very dark crimson throughout; fine flavor and fine grain, and good keeper, which commends it for garden or market purposes, blossoms perfect." The plant is a vigorous healthy grower. I consider it the best in quality of any of the large varieties, and can heartily recommend it to anyone wanting a large showy berry of fine quality for either market or home use. While we have a good supply of this sort we anticipate such a demand for them that our stock will likely be exhausted early. Dozen 25c, hundred 60c, thousand \$2.75.

AROMA. This variety is a companion of Cyclone. The plant shows no weakness of any kind. The fruit is large, roundish-conical and a bright glossy red. Good quality, and fairly productive. A good market variety. Dozen 25c, hundred 50c, thousand \$3.00

BRANDYWINE. This has proved so very satisfactory with all who have grown it that it is consequently in large demand. It is comparatively new and of great value by reason of its productiveness, large size, beauty and good quality, which render it especially desirable for the home garden. The berries are large, roundish-conical, regular and uniform, bright glossy crimson, very handsome, firm and solid, excellent in quality with fine aromatic flavor. The berries color all over evenly and retain a good size to the last, ripening in succession and every berry maturing fully. Plant is remarkably vigorous, hardy, and exceedingly productive, and its foliage is large, clean and healthy. The amateur will delight in such a superb variety, which with his good soil and careful culture, will give him magnificent returns. Midseason to late. Dozen 25c, hundred 40c, thousand \$2.25.

BUBACH. (P) Fruit large and handsome, roundish conical, bright scarlet, moderately firm, of fair quality. Plant a strong grower, with large, healthy foliage and very productive. Succeeds on light or heavy soil. Desirable for home use and near market. One of the best of the later introductions. Season early to medium. Dozen 25c, hundred 50c, thousand \$2.50.

BARTON'S ECLIPSE. (P) A variety from Kentucky. Has done remarkably well with us. One of the finest kinds we have. Luxuriant grower, with dark green, perfectly healthy foliage, strong roots, standing drouth or wet, one of the most productive, berries very large, bright scarlet, uniform size, excellent quality, firm, and carries to market well and brings the highest market price. Well worthy of trial everywhere either for home use or market. Doz. 25c, hundred 40c, thousand \$2.00.

BEDER WOOD. This is generally conceded to be one of the very best early varieties for home use or near market. It is a splendid grower, making a large number of strong runners. It has a perfect blossom and is immensely productive. Fruit of good size, light red, medium firmness and good quality. One of the best to plant with early blooming pistillate varieties. Doz. 25c, hundred 40c, thousand \$1.75.

ENORMOUS. (P) Its general appearance, the introducer says, resembles the Bubach but a great deal better plant maker. The fruit is as large if not larger than the Bubach, and decidedly firmer. I have not yet thoroughly tested it, but the plants look fine. Dozen 25c, hundred 50c, thousand \$2.75.



GREENVILLE. (P) A large, showy berry that will certainly bring rich returns to those who will give it the treatment it merits. It somewhat resembles Bubach, being of vigorous plant and bearing a large berry, none too firm for shipment, but is a profitable berry to grow for a near market and will give good returns by liberal treatment. The berries are large and fine, bright crimson in color and of excellent quality. It is only moderately firm, but of fine appearance and sells readily at sight. The plant is large, robust and productive, with healthy, clean foliage. It is much better than Bubach in quality and rather firmer in flesh; a decided improvement. Midseason. Dozen 25c, hundred 40c, thousand \$2.00.

GANDY. A cross between Jersey Queen and Glendale, possessing some of the good qualities of each, making a valuable late variety. Berries bright crimson, uniform size and shape, large, firm and ripen late; plant healthy. One of the best late sorts. Dozen 25c, hundred 40c, thousand \$1.75.

JESSIE. A great favorite with many good growers while a comparative failure with others. Its fruit is of the best quality and carries well. Its blossom is fully charged with pollen, and therefore it ranks with the best as a pollinizer for imperfect sorts. Dozen 25c, hundred 40c, thousand \$2.25.

HAVERLAND. (P) This is one of the best early market sorts and seems to do well in all sections. It makes a very thrifty plantgrowth. Berries are large and of a peculiar longish shape, though very regular and even, holding out well to the end of the season. The color is rather light red which might be considered a fault by some, but they make such a handsome appearance in box or basket that they nearly all sell for top price in market. About the only weak point I have discovered in the Haverland is that the fruit stems are tall and unable to stand up under the weight of fruit as it ripens consequently they should be mulched with straw to keep them from the dirt; this peculiarity of growth makes fine picking as the berries lay out in sight requiring no movement of the vines to find them. Another good point in their favor is their ability to withstand frost at blooming time often bearing a full crop of perfect fruit when other sorts are badly damaged. There is such a demand for plants of this variety that the supply nearly always fails. Dozen 25c, hundred 40c, thousand \$2.00.

MICHEL'S EARLY. The earliest variety. Resembles Crescent, but ripens several days earlier and is much firmer. Planted largely and gives the best of satisfaction as a market berry South. Not prolific enough for a standard market variety in the north. Good as a pollinizer. Dozen 20c, hundred 30c, thousand \$1.25.

RIO. Early, large, good quality, healthy plant. Dozen 25c, hundred 50c.

SHARPLESS. Known everywhere, large size and good quality, a favorite home berry with many. Dozen 25c, hundred 50c, thousand \$2.50.

PARKER EARLE. Is one of the leading strawberries. It has been tested over a wide range of country. Probably no other berry has received so many favorable and so few adverse reports. Flowers perfect, always setting perfect fruit. Its one failing is over production. It sets more fruit than it can possibly ripen under ordinary treatment. It needs rich soil and high culture, when it will give satisfaction. Dozen 25c, hundred 50c, thousand \$2.50

ARNOUT'S IMPROVED PARKER EARLE. Is without doubt, the best berry in existence. Not only for its enormous productiveness alone, but on account of its beauty and adaptability to all soils and its foliage enduring the dry, hot weather, which qualities are very rare among strawberries. The plant is a strong, robust grower, with a perfect blossom and an enormous yield of large, slightly flattened, bright crimson berries, with short neck, the calyx turning back from the berry, giving it a fine appearance. The flavor is of the best. It ripens evenly and is a good shipper. They are free to make runners the first season, which is very essential to berry growers and have stood a temperature of fourteen degrees below zero without protection, never freezing out." The above is part of the introducers description. I have a stock of plants grown from stock received from Mr. Arnout last spring. Dozen 30c, hundred 75c.



COLUMBIAN. Claimed by many to be the best early variety. I fruited it last season, the plant is large, healthy, good plant maker, productive. Berries large, and of good flavor. Doz. 25c, hundred 40c, thousand \$1.75.

ENHANCE. Where it succeeds this will prove a valuable market berry, for shipment. Plant is vigorous, a good grower and productive. Fruit large, rather irregular, dark crimson color, firm, quality good, slightly acid. It is said to be a cross between Sharpless and Windsor Chief, but resembles neither of them. It possesses the necessary qualifications for a profitable market berry. Midseason to late. Dozen 25c, hundred 50c, thousand \$2.50.

CRESCENT. (P) Too well known to need description. Doz. 20c, hundred 35c, thousand \$1.50.

SAUNDERS. A Canadian berry of great value for the market grower. The plant is large and vigorous, free from rust and is as healthy and hardy as any ever sent out. It makes many runners, has a perfect blossom and is enormously productive. The fruit is very large, conical, slightly flattened, and often has a depression on one or both sides. It is of a deep red and remarkably glossy. The flesh is of the same color, with a sprightly agreeable flavor. Dozen 25c, hundred 50c, thousand \$2.50.

SPLENDID. Originated at Sterling, Ill. Plant is a vigorous grower, equal to Warfield in this respect. Blossoms perfect. Berries are borne on tall fruit stalks and are large, firm and a fine color. Ripens evenly all over, globular, very productive. Few if any blanks. No mistake can be made in using this variety to pollinize Warfield, Crescent and Greenville. Early to midseason.

Mr. Crawford says: "I have no scruples in recommending this as one of the reliable varieties. It produces a large crop of fine fruit and is as well able to mature its own berries as any we have. It is probably the deepest rooted plant I have. Blossoms perfect." Dozen 25c, hundred 40c, thousand \$2.00.

TENNESSEE PROLIFIC. The plants show as fine as one could ask for. We saw it in fruiting this season. It is large, good color, productive, of good shape, free from rust, and will surely rank among the best in the strawberry list. This is a berry that everybody wants. It is a seedling of Sharpless and Crescent, showing the parentage of both. The fruit is large, handsome, and as productive as Haverland. Dozen 25c, hundred 40c, thousand \$2.00.

VAN DEMAN. This extra early and superior strawberry is a great success. It is perfect flowering and very early in fruiting. Berries large and lots of them. The quality is rich and its earliness and productiveness will go a great way in making it one of the leading varieties to plant for market. Dozen 25c, hundred 50, thousand \$2.50.

WARFIELD. (P) It is not immensely large, but its great beauty, firmness, earliness, good flavor, productiveness, and vigor, combined with good size, make it exceedingly popular. Ripens with Crescent, and is superseding that variety for a reliable market berry. Dozen 25c, hundred 35c, thousand \$1.50.

WILSON. The popular old market sort. Still retained for its many good qualities. To obtain best results it should be grown on rich, heavy soil and the beds renewed often, when it is large and productive. Dozen 25c, hundred 40c, thousand \$2.00.

GERTRUDE. "The Gertrude strawberry was a chance seedling found growing among some grape vines on my place in 1887 by my daughter, Gertrude, from whom it derives its name. Among known varieties this is the earliest to mature. It ripens with the Bederwood and other early sorts, being larger than any other early variety, and ranks in size with Sharpless, Bubach, and Gandy. It holds well to the last picking. It is of a pleasing bright scarlet color, very attractive. Its flesh is firm and of good quality. It has no sign of rust or other defects about it and is exceedingly productive. The blossoms are large and perfect and well supplied with the much desired pollen, making it a grand pollinizer for other large pistillate sorts."—Introducer. Dozen 25c, hundred 50c, thousand \$2.50.



Raspberries.

CULTURE. Any soil that will produce good field crops is suitable for raspberries. Pulverize the ground thoroughly and manure liberally. The red, or sucker variety should be planted in rows, six feet apart with the plants four feet apart in the rows, requiring 2,400 plants per acre.

The cap varieties, for field culture should be planted in rows seven feet apart with the plants three feet and six inches apart in the rows; requiring 1,725 plants per acre. In garden culture, plant four feet apart each way.

Our customers will find our plants well rooted and first class in every particular.

If to be sent by mail add 10 cents per dozen; 40 cents per hundred; at thousand rates by express or freight only.



LOUDON. This originated in Wisconsin and is a cross between Cuthbert and Turner. Its canes are strong and hardy and it is wonderfully productive. In addition to this it is of large size good color, and excellent quality. It is well spoken of in all the reports where fully tested. Its wonderful vigor and hardiness, together with productiveness and fine quality, make it very desirable for either home use or a market

fruit. I have a good supply of "Transplants" of the variety which are of extra size and are much finer plants than the ordinary "Sucker" plants which are generally sold. As the introducer has lowered the price on this sort we have made our price the same. Dozen 35c, hundred \$1.25, thousand \$10.00.

MILLER RED RASPBERRY. The bush is a stout, healthy, vigorous grower, not quite so tall as the Cuthbert, rather more stocky and dwarfish. It is well calculated to hold up the immense crops of fruit with which it loads itself. The introducer claims: Extreme hardiness; as productive as any; one of the earliest to ripen; an excellent shipper; of good quality and attractive color. Dozen 30c, hundred 60c, thousand \$4.00.

CUTHBERT OR QUEEN OF THE MARKET. A remarkably strong, hardy variety. Stands the northern winds and southern summers equal to any. Berry very large, measuring three inches around; conical, rich crimson, very handsome, and so firm they can be shipped hundreds of miles by rail in good condition. Flavor is sweet, rich and luscious. The leading market variety for main crop. Dozen 25c, hundred 50c, thousand \$3.50.

BRANDYWINE. A bright scarlet berry, firm, large and beautiful. Bush heavy and productive. A good market variety. Dozen 25c, hundred 50c, thousand, \$3 50.

HANSELL. One of the earliest red raspberries. Profitable on account of extreme earliness, bright, attractive color and firmness. Canes rather small, but exceedingly hardy and productive, with tough, healthy foliage, enduring the hottest sun with impunity. Berries of large size, bright crimson, good quality and firm. Upon strong soil the yield is very large, and in some locations it is regarded the best of all. Dozen 25c, hundred 50c, thousand \$3.50.

THOMPSON'S EARLY PROLIFIC. A seedling Red Raspberry. Originated by M. T. Thompson who claims it to be one of the best early sorts. Dozen 25c, hundred 50c, thousand \$3.25.



SCHAFER'S COLOSSAL. Fruit large, purple, soft, with a sprightly, sub-acid flavor. Plant very vigorous, hardy and productive. Much esteemed in some localities. Season medium to late. Dozen 35c, hundred \$1.00.

COLUMBIAN. The Columbian is a new variety of the Shaffer type, of remarkable vigor and productiveness. It is very hardy and propagates from tips. Color dark red, bordering on purple, very large. "We believe that all that is necessary to prove what we say is to give it a fair trial, and that when it is as well known abroad as it is at home, it will advertise itself. The original bush, past nine years of age, is as vigorous, thrifty and productive as ever. It is a seedling of the Cuthbert, grown near the Gregg black raspberry, and is believed to be a cross between the two. It produced 30 quarts of berries in 1894. The following points show the superiority of the Columbian: (1) It is a most vigorous grower, with canes 10 to 16 feet in length, and often over an inch in diameter, strong and woody, color light green, changing to bright red in autumn. (2) Its foliage is very handsome and healthful, light green in color, retaining its health and hue until killed by autumn frosts. (3) Its roots are large and penetrate the soil to a great depth, thus enabling it to resist drouth successfully. (4) It propagates readily from the tips, and never suckers from the roots. (5) It is very hardy, enduring 28 degrees below without harm. (6) Fruit very large, often an inch in diameter; shape somewhat conical; color dark red bordering on purple; adheres firmly to the stem, and will dry on the bush if not picked; seeds small and deeply imbedded in a rich, juicy pulp with a distinct flavor of its own, making it a most delicious table berry."—Originator's Description. Dozen 25c, hundred \$1.00.

KANSAS. For a good second early blackcap there is nothing better than this. It possesses all the valuable attributes of a profitable market sort, and its large size and attractive appearance insures for it always a ready sale and good prices. The fruit is as large as the Gregg and with much less bloom, handsome, firm and of fine quality. Its canes are of strong growth, entirely hardy, and prolific; with tough, healthy, clean foliage. Its season is about second early—later than Souhegan but much earlier than Gregg. By reason of its greater hardness, less bloom and ripening earlier, it is a great improvement upon Gregg. I fruited this the past season and think it will fulfill all the claims of the originator. My plants of this variety are strong and well rooted. Dozen 35c, hundred 75c, thousand \$5.00.

EUREKA. Ripens a few days later than Souhegan, and earlier than Ohio coming midway between the two. Fruit, large and firm, almost equaling Gregg in size. Quality is of the best. Berry free from bloom, and very attractive in the measure, making it a splendid seller. The canes make a strong, upright growth, with a bright, healthy color, resembling the Ohio, and quite as hardy. Extracts from a paper read by Professor W. J. Green before the State Horticultural Society, Dec. 14, 1884: I am of the opinion that an acre of Eureka would yield as much as an acre each of Palmer and Gregg combined." Prof. Green makes the same statement in Ohio Farmer, Sept. 6, 1896. Dozen 40c, hundred \$1.00, thousand \$7.00.

CONRATH. Resembles Gregg in many ways, but is much earlier and is firm, sweet and good—maintaining its large size to the last picking. The canes are of ironclad hardness, very prolific and make a strong, healthy growth. It ripens early. Dozen 35c, hundred 75c, thousand \$5.00. Transplants of this variety one year from tip, \$1.00 per hundred.

GREGG. The leading late blackcap, and a popular market sort. Dozen 25c, hundred 60c, thousand \$4.50.

PALMER'S SEEDLING. It ripens at the same time as Souhegan, but yields much more fruit at first picking; completes ripening its crop in shorter time and commands highest price in the market. What we claim for the Palmer is ironclad hardness, early ripening, large size, good quality of fruit, and wonderful productiveness, often bending the canes to the ground under the weight of the fruit. The Palmer has been tested from the Atlantic to the Pacific, receiving the highest commendation from all sources, and fully establishing it as the best and most productive early blackcap yet introduced. Dozen 25c, hundred 60c, thousand \$4.50.



Blackberries

SHOULD be planted in rows six to seven feet apart, three to five feet in the rows. Keep the ground light and rich. Pinch the canes back when they have reached the height of from 2 to 3 feet. If to be sent by mail, add 15 cents per dozen or 50 cents per hundred for postage.

My blackberry plants are "sucker" plants except where noted; the "sucker" plant, if properly dug, with cross roots, is not the worthless thing some growers would like to make you think. I am located in a section where there are hundreds of acres of Blackberries grown for market and successfully too. While I doubt if one in ten use root cutting plants; nearly every field having been set with suckers dug from near by fields; and it would be impossible to produce larger crops or finer fruit than can be found in this section.

ELDORADO. (NEW) Especially valuable for its hardiness, fine quality and large size. The berries are large jet black, sweet, melting, rich and pleasant. Canes strong, hardy and productive. Well worthy of general planting. Medium early. I fruited this the past season and can recommend it as being especially adapted to the home garden as it is large and juicy, of good flavor and without the hard core of some varieties. It could hardly be considered a market berry as it is too soft to stand long distance shipment. Dozen 35c. hundred \$1.25, thousand \$10.00, (root cutting plants.)

EARLY KING. This is comparatively new variety and superior to that well known sort, Early Harvest, in size and is fully as early. Nearly ironclad in hardiness, very productive and of fine quality, Dozen 35c, hundred \$1.50, thousand \$12.00, (root cutting plants.)

ERIE. A chance seedling but recently brought to the notice of the public, and considered a valuable acquisition, being perfectly hardy and very productive; fruit of first quality, large size, and ripens early; A good many spurious or worthless sorts have been sent out for Erie but the genuine is a desirable variety and in addition to the points already mentioned is that of ripening its crop very evenly, the ripe berries actually hanging in clusters in its season, which is quite early. Dozen 30c, hundred 85c, thousand \$7.00.

TAYLOR. One of the best blackberries grown. Fruit of the finest quality, melting and without core; productive, hardy as the Snyder, which renders it very valuable. Dozen 25c, hundred 60c, thousand \$5.50.

SNYDER. Very popular for the north and northwest, on account of the extreme hardiness; wonderfully productive, size medium, fruit juicy and sweet, without the hard core of many sorts, canes remarkably strong and thrifty, more largely planted than any other of the ironclad varieties. Season early. Dozen 25c, hundred 60c, thousand \$5.00.

WILSON'S EARLY. Of good size, very early, beautiful dark color, of sweet, excellent flavor and very productive. Ripens the whole crop nearly together. Dozen 25c, hundred 50c, thousand \$4.00.

EARLY HARVEST. Is one of the earliest in cultivation; fruit medium size and fine quality; an enormous bearer. It is of a very notable value to a large portion of our country. Not perfectly hardy here, in this latitude, and needs protection during the winter. But the past seasons have proven it to be the hardiest in the bud of any variety of blackberry we grow, for while Kittatinny, Lawton, and others were badly hurt by spring frosts, the Early Harvest has produced full crops showing no injury whatever. Dozen 25c, hundred 50c, thousand \$4.00.

KITTATINNY. Commences to ripen after the Wilson's Early and continues longer in bearing; is ripe as soon as black; and much earlier, sweeter and better in every respect than the Lawton, which it resembles in plant and fruit. Dozen 25c, hundred 50c, thousand \$4.00.

LAWTON (NEW ROCHELLE.) An old favorite. Dozen 25c, hundred 60c, thousand \$4.50.



Dewberries



PLANT in rows six feet apart with plants three feet distant in the rows. Keep the soil mellow and clean.

LUCRETIA. The best variety. Large, jet black, melting, delicious. Earlier than Early Harvest blackberry and larger than Erie. Dozen 35c, hundred 85c, thousand \$7.50.

Currants



A COOL, moist location is best for this fruit, and for this reason succeeds admirably when planted by a stone wall or fence; being benefited by partial shade. Plant in rows four feet apart, and the plants three feet apart in the rows. Keep the ground mellow and free from weeds and grass, using fertilizers copiously. Mulching is necessary for the best returns. As soon as the leaves turn yellow and begin to fall, with a pruning knife remove all the old wood and cut back the young shoots a third of their length, cutting to the ground enough of these to admit air and light into the bush freely. When the currant worm appears, dust the bushes with powdered white hellebore or tobacco dust; it can be exterminated also by dissolving the powdered white hellebore (to be had at any drug store) in the proportion of an ounce to a pail of water and applied with a syringe upon the leaves. Fall is the best time to plant.

LONDON MARKET. Of English origin. As compared with Victoria it is larger, more productive, much stronger grower, less infested with borers and retains its foliage until frost comes. It has produced twice the amount of fruit the Victoria did under same conditions; a very strong and upright grower. One year, dozen 50c, hundred \$2.50.

FAY'S PROLIFIC. The leading standard red variety, a regular bearer and reliable in every way. The bush is a strong grower, wonderfully prolific, and bears early; bunches and berries large, bright red, of good flavor and less acid than Cherry, which it has superseded. Midseason. 1 yr. No. 1 dozen 50c, hundred \$2.00; 2— 1 dozen 75c, hundred \$3.00.

VICTORIA. Large, bright red; bunches extremely long, berries medium size, of excellent quality. Good erect grower. Very productive. Ripens late, making it one of the most valuable sorts. Two years. Dozen 60c, hundred \$2.50. One year. Dozen 50c, hundred \$2.00.

RED DUTCH. An old well known sort. Good quality, berry medium, long branch. Very productive. Two years. Dozen 60c, hundred \$2.50. One year. Dozen 50c, hundred \$2.00.

CHERRY. (VERSAILLES) Well known and until lately the most popular market sort; uniformly the largest of all red currants except Fay's Prolific. Bunches large, berries very large, bright, sparkling Crimson, beautiful, very acid. One year. Dozen 50c, hundred \$2.00. Two years. Dozen 75c, hundred \$3.00.

LEE'S PROLIFIC. A fine black currant, earlier than Black Naples, with larger berries, and more productive. Of special value for jellies and jams. One year. Dozen 50c, hundred \$2.00. Two years. Dozen 60c, hundred \$2.50.



Gooseberries

GOOSEBERRIES require much the same soil and treatment as currants. If planted in a shade, they are much less likely to mildew, which is one drawback to successful culture of the best English varieties in this country.

DOWNING. Very large, handsome, pale green and of splendid quality for both cooking and table use. Bush a vigorous grower and usually free from mildew. One of the best for home use and market. Two years. Dozen 50c, hundred \$4.00.

HOUGHTON. The old, well known sort. Small, pale red, sweet and good. Bush vigorous, productive, and reliable. Two years. Dozen 60c, hundred \$4.00.

Grapes

CONCORD. The most popular market variety. Two years. Dozen 50c, hundred \$2.25.

WORDEN. A splendid, large grape, of the concord type, but earlier, larger in bunch and berry, and of a decidedly better quality; vine hardier than that old stand-by and every way as healthy. A very popular sort, planted largely for market; next to Concord in number used. Two years. Dozen 75c, hundred \$3.50.

NIAGARA. Vine hardy, an unusually strong grower; bunches very large and compact, sometimes shouldered; berries large or larger than the Concord; mostly round, light greenish white; semi-transparent, slightly ambered in the sun, skin thick, but tough and does not crack; quality good; very little pulp, melting and sweet to the center. Two years. Dozen 75c, hundred \$3.50.

DELAWARE. Bunch and berry small, compact, light red, sweet, delicious; rather a moderate grower and mildews some; valuable for its fine quality. Early. Two years. Dozen 75c, hundred \$3.50.

Advertisements.

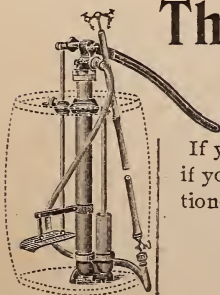
I wish to call the attention of my friends to the advertisements in this catalogue.

The Eclipse Spray Pump I know is all right for I have used it successfully.

The "Smith Grubber Co." are responsible and fulfill all their claims.

Nice clean packages add a good deal to the appearance of fruit when put on the market for sale. The Wells-Higman Co. manufacture everything in this line. As they have factories in Michigan and also in Tennessee they are able to fill all orders promptly and satisfactorily. I am glad to personally recommend this firm as being strictly reliable.

C. E. WHITTEN



There is No Argument in It YOU MUST SPRAY

If you want good fruit. There is \$25.00 to \$100.00 per day in it if you do it right. You want the best tools and correct information—we furnish both. Send for our catalogue today.

MORRILL & MORLEY,

BENTON HARBOR, MICH.



PRICE LIST FOR 1898.

STRAWBERRIES.

	DOZ.	HUND.	THOUS.
Aroma,	\$.25	\$.50	\$ 3.00
Arrow, .....	.25	.50	--
Arnouts Imp. Parker Earle .....	.30	.75	--
Barton's Eclipse, (P) .....	.25	.40	2.00
Beverly .....	.25	.50	2.50
Beder Wood, .....	.25	.40	1.75
Bismarck, .....	.25	.50	2.50
Bisel, (P) .....	.25	.50	2.50
Brandywine, .....	.25	.40	2.25
Brunette, .....	.25	.50	2.75
Bubach, (P) .....	.25	.40	2.50
Clyde, .....	.25	.50	2.50
Columbian, .....	.25	.40	1.75
Cobden Queen, .....	.25	.50	2.50
Crescent, (P) .....	.25	.40	1.50
Enhance, .....	.25	.50	2.50
Enormous, (P) .....	.25	.50	2.75
Excelsior, .....	.35	1.50	10.00
Gandy, .....	.25	.40	1.75
Gertrude, .....	.25	.50	2.50
Glen Mary, .....	.25	.50	2.50
Greenville, (P) .....	.25	.40	2.00
Haverland (P) .....	.25	.40	2.00
Hall's Favorite, .....	.35	.75	--
Jessie, .....	.25	.40	2.25
Lovett, .....	.25	.35	1.50
Marshall, .....	.25	.60	2.75
Manwell, .....	.25	.60	--
Margaret, .....	.25	.75	6.00
McKinley, .....	.25	.75	5.00
Michigan, .....	.25	.60	--
Michel's Early, .....	.20	.30	1.25
Nic Ohmer, .....	.35	1.00	8.00
Parker Earle, .....	.25	.50	2.50
Rio, .....	.25	.50	--
Ruby, .....	.25	.60	3.00
Ridgeway, .....	.25	.50	2.75
Saunders, .....	.25	.50	2.50
Satisfaction, .....	.25	.50	2.50
Seaford, .....	.25	.75	4.50
Sharpless, .....	.25	.50	2.50
Splendid, .....	.25	.40	1.75
Tennessee Prolific, .....	.25	.40	2.00
Up-to-Date, .....	.25	.60	3.00
Van Deman, .....	.25	.50	2.50
Warfield, (P) .....	.20	.35	1.50
Wilson, .....	.25	.40	2.00
Wm. Belt, .....	.25	.50	2.50

Certificate of Nursery Inspection.

No. 37.

BRIDGMAN, MICH., SEPT. 21, 1898.

This is to certify that I have examined the Nursery stock and premises of C. E. WHITTEN, and find no indication of the presence of any dangerous insect pest or fungus disease.

D. W. TRINE,

State Inspector of Nurseries and Orchards.

ORDER SHEET.

.189.....

C. E. WHITTEN'S NURSERY, Bridgman, Michigan

Please send plants named below to

Name _____

Post Office _____

Express Office _____

County _____

State _____ Ship by _____

Ship to _____

AMOUNT ENCLOSED

P. O. Order \$ _ _ _ _ _

Express Order \$ _____


Draft \$ _____

Cash \$ _____

Total \$ _____

[illegible]

Send us the address of several of your friends who you think would be interested in fruit growing, and we will include extra plants for your trouble.

 Tear off Order Sheet on dotted line.



Testimonials

JOHNSON Co., Iowa, March 8, '98.

Mr. C. E. Whitten.

Dear Sir:—Enclosed find order for more strawberries; the ones ordered two years ago were first-class in every respect and gave excellent results. Other persons are sending to you after seeing ours and part of these are for a neighbor. Your raspberries and gooseberries are doing finely for me also. Please accept thanks for same.

Yours respectfully,
S. C. Cozier.

MENARD Co., Illinois, April 5, '98.

C. E. Whitten, Bridgman, Mich.

Dear Sir:—The plants and vines arrived in good shape and are now set out. Think every one will grow as they are best rooted lot of nursery stock I ever bought. Thanking you for your promptness I remain,

Yours truly,
Henry C. Williams.

WAPPELO Co, Ia., Apr. 13, '98.

C. E. Whitten.

Dear Sir:—Strawberry plants received and I must give you the praise of handling the best I ever saw, no old runners on them. In a word, they are first-class and better than I expected in view of the severe drouth of last season.

Yours, S. Park.

DENNISON, Texas, Apr. 6, '98.

C. E. Whitten, Bridgman, Mich.

Kind Sir:—Plants arrived in good condition. Your plants have always arrived here in good condition. Sorry to inform you that we have lost all of our peach crop and fully half the berry crop from the freeze the 22 and 23 of March, it is a great loss to north Texas.

Yours for success,
J. M. Funk.

ALLEGAN Co., Mich., Apr. 15, '98.

Dear Sir:—Received the strawberries and currant bushes, planted currants same day I got them. You fulfilled your part of the agreement to the letter and I am well pleased with the plants and bushes. Our business transactions have always been very satisfactory and expect (judging from the past,) they will continue so.

Yours truly,
V. S. R. Gardner.

WILL Co., Illinois, Apr. 18, '98.

C. E. Whitten.

Dear Sir:—The strawberry plants arrived in the very best of shape. I lost no time in getting the five thousand set out. The next day after we finished setting it rained all day, consequently will not lose ten plants out of the five thousand or more. I have been growing strawberries for twelve years and will say your plants and mode of packing cannot be excelled in this or any other state. I am highly pleased and expect great results from the same.

Yours resp'y
R. W. Garrett.

VIGO Co., Ind., April 18, 1898.

Dear Sir:—The plants all came in good shape and were entirely satisfactory, in fact finer than I expected to see. We have planted all out and we think will get a good stand. The freight was light and the plants perfect, cool, fresh and moist. I thank you for the prompt shipment and your careful packing.

Yours truly,
L. H. Mahan.

HARRISON Co., Ind., April 16, 1898.

Mr. C. E. Whitten,

Dear Sir:—The plants came through in good shape and we are all well pleased with them and it was better that they came at the time instead of sooner for the ground has been too wet to set them. I think we could not have got better ones any where.

Yours truly,
J. F. Walters.

RENO Co., Kan., April 21, 1898.

Mr. C. E. Whitten,

Dear Sir:—The strawberry plants shipped on the 7th arrived here morning of the 9th in good order. Plants were all right, strong, well rooted and very satisfactory in every way.

Resp. yours,
S. D. Tucker.

HASTINGS, MINN., April 18, 1898.

C. E. Whitten, Bridgman, Mich.

Dear Sir:—The plants Which I ordered of you (order No. 1397) came yesterday and a portion were set out this morning—it commenced snowing about 11 o'clock and we had to quit and it is raining this afternoon quite hard. It is the first rain of the season and is needed very much. The plants came in fine shape, and are as nice plants as I have ever set out, and I thank you for the prompt and honorable manner which you have treated me.

Yours truly,
J. P. West.

WAYNE Co., Mich., April 25, 1898.

C. E. Whitten,

Sir:—Those plants I ordered of you arrived in good condition, many thanks. The strawberry and other plants I bought of you last year are fine don't think I have lost one of them.

Yours truly
Fred Busch.

HIGHLAND Co., Ohio, April 24, 1898

Mr. Whitten,

Dear Sir:—I received strawberry plants in due time and in splendid condition, and I never saw a finer lot of plants, for this we thank you also for the bunch of Clyde. You are right they are plants that will grow and so will your business if I am not mistaken. We appreciate a business man that don't have to be watched.

Yours very truly,
J. M. McKinney.

MOULTRIE Co., Ill., April 13, 1898

Dear Sir:—I received my strawberry plants from you the 18th all right and in good condition and got them planted in good time. Thank you very much for the premium of 50 Clyde sent, they all look fine after the rain Thursday.

Yours,
A. S. Freeland.

CODY, Nebr., May 10, '98.

C. E. Whitten, Bridgman, Mich.

Dear Sir:—The order of strawberry plants received all right and seem to be starting nicely. Many thanks for the complimentary plants. This is the third time we have put out plants. The first time the plants grew fine and were full of blossom but no berry. At the time, we did not know just what was the matter. Last year we put out 100 of the Brandywine. By mid-summer every plant but one was dead. That plant is alive now and looking fine. If we fail this year we will try again next, as we know by our first trial that the plants will grow here.

Very truly,
Mrs. Laura B. Young.

W. SMITH'S GRUB TREE Stump Puller

HAYWARD WIS., June 15, 1896

W. SMITH GRUBBER CO.,
La Crosse, Wis.:

I, the undersigned, certify in regard to the success of the Smith Stump Puller, that I have given it a thorough trial, and can say that it has not failed to do any work that I have put it to. I have pulled white pine stumps three feet in diameter with ease, and at the proper season one team of horses and machine will pull any stump necessary in clearing lands or roads, and leaves the land in good condition for plowing.

C. W. JUNGBURG.

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